



SEQUENCE LISTING

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<120> Compositions and Methods Useful for the Diagnosis and Treatment
of Heparin Induced Thrombocytopenia/Thrombosis

<130> 10312-2U1

<140> 09/615,872

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<160> 14

<170> PatentIn version 3.1

<210> 1

<211> 120

<212> PRT

<213> Mus musculus

<400> 1

Glu Val Gln Leu Gln Gln Ser Gly Ala Glu Leu Val Lys Pro Gly Ala
1 5 10 15

Ser Val Lys Leu Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asn Tyr
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Phe Ile Tyr Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp Ile
35 40 45

Gly Glu Ile Asn Pro Arg Asn Gly Asp Thr Asp Phe Asn Glu Lys Phe
50 55 60

Glu Ser Arg Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala Tyr
65 70 75 80

Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Ile Tyr Tyr Cys
85 90 95

Thr Arg Ser Pro Tyr Gly Asn Asn Tyr Gly Phe Thr Tyr Trp Gly Gln
100 105 110

Gly Thr Leu Val Thr Val Ser Ala
115 120

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<213> Mus musculus

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20 25 30
Gly Thr Asn Val Ala Trp Tyr Gln Gln Lys Pro Gly Gln Ser Pro Asn
35 40 45
Ala Leu Ile Tyr Ser Ala Ser Tyr Arg Tyr Ser Gly Val Pro Asp Arg
50 55 60
Phe Thr Gly Ser Gly Ser Gly Thr Asp Phe Thr Leu Thr Ile Thr Asn
65 70 75 80
Val Gln Ser Glu Asp Leu Ala Asp Tyr Phe Cys Gln Gln Tyr Asn Ser
85 90 95
Tyr Pro Leu Thr Phe Gly Thr Gly Thr Lys Leu Glu Ile Lys
100 105 110

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tcttgtaagg cttctggcta caccttcacc aattacttta tatactgggt gaagcagagg 120
cctggacaag gccttgagtg gattggagag attaactcta gaaatggtga tactgacttc 180
aatgagaagt tcgagagcag ggccacactg actgtagaca aatcctccag cacggcatac 240
atgcaactca gcagcctgac atctgaggac tctgcgatct attactgtac aagatcccc 300
tacggtaata actacgggtt tacttactgg ggccaaggga ctctgggtcac tgtctctgca 360

<210> 4
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cagaaaccag ggcaatctcc taatgcaactg atttactcgg catcctaccg gtacagtgga 180
gtccctgatc gcttcacagg cagtggatct gggacagatt tcaactctcac catcaccaat 240
gtgcagtctg aagacttggc agactatttc tgtcagcaat ataacagcta tcctctcaca 300

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330

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<213> Artificial Sequence

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<210> 6
<211> 17
<212> DNA
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<220>
<223> primer

<400> 6
ggggccagtg gatagac

17

<210> 7
<211> 32
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22

<210> 11

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<212> PRT

<213> Mus musculus

<400> 11

Ala Ser Val Lys Leu Ser Cys Lys Ala Ser Gly Tyr Thr Phe Thr Asn
1 5 10 15

Tyr Phe Ile Tyr Trp Val Lys Gln Arg Pro Gly Gln Gly Leu Glu Trp
20 25 30

Ile Gly Glu Ile Asn Pro Arg Asn Gly Asp Thr Asp Phe Asn Glu Lys
35 40 45

Phe Glu Ser Arg Ala Thr Leu Thr Val Asp Lys Ser Ser Ser Thr Ala
50 55 60

Tyr Met Gln Leu Ser Ser Leu Thr Ser Glu Asp Ser Ala Ile Tyr Tyr
65 70 75 80

Cys Thr Arg Ser Pro Tyr Gly Asn Asn Tyr Gly Phe Thr Tyr Trp Gly
85 90 95

Gln Gly Thr Leu Val Thr Val Ser Ser
100 105

<210> 12

<211> 112

<212> PRT

<213> Mus musculus

<400> 12

Gly Gly Gly Leu Val Lys Pro Gly Gly Ser Leu Lys Leu Ser Cys Ala
1 5 10 15

Ala Ser Gly Phe Ala Phe Ser Arg Tyr Asp Met Ser Trp Val Arg Gln
20 25 30
Thr Pro Glu Lys Arg Leu Glu Trp Val Ala Thr Ile Thr Ser Gly Asp
35 40 45
Asn Tyr Thr Tyr Tyr Pro Asp Ser Val Lys Gly Arg Phe Thr Ile Ser
50 55 60
Arg Asp Asn Ala Arg Asn Thr Leu Tyr Leu Gln Met Ser Arg Leu Arg
65 70 75 80
Ser Glu Asp Thr Ala Leu Tyr Tyr Cys Thr Arg Gln Gly Leu Leu Tyr
85 90 95
Tyr Ala Met Asp Tyr Trp Gly Gln Gly Thr Ser Val Asn Val Ser Ser
100 105 110

<210> 13
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<212> PRT
<213> Mus musculus

<400> 13

Leu Thr Leu Ser Val Thr Ile Gly Gln Pro Ala Ser Ile Ser Cys Lys
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Ser Ser Gln Thr Leu Leu Asp Ser Asp Gly Lys Thr Tyr Leu Ile Trp
20 25 30
Leu Leu Gln Arg Pro Gly Gln Ser Pro Lys Arg Leu Ile Tyr Leu Val
35 40 45
Ser Lys Leu Asp Ser Gly Val Pro Asp Arg Phe Thr Gly Ser Gly Ser
50 55 60
Gly Thr Asp Phe Thr Leu Lys Ile Ser Arg Val Glu Ala Glu Ala Leu
65 70 75 80
Gly Leu Tyr Tyr Cys Trp Gln Gly Thr His Phe Pro Arg Thr Phe Gly
85 90 95
Gly Gly Thr Lys Val Glu Ile Lys
100

<210> 14
<211> 99
<212> PRT
<213> Mus musculus

<400> 14

Ser Ser Leu Ser Ala Ser Leu Gly Asp Arg Val Thr Ile Ser Cys Ser
1 5 10 15

Ala Ser Gln Gly Ile Asn Asn Tyr Leu Ser Trp Tyr Arg Gln Lys Pro
20 25 30

Asp Gly Thr Val Lys Leu Leu Ile Tyr Tyr Thr Ser Ser Leu His Ser
35 40 45

Gly Val Pro Ser Arg Phe Ser Gly Ser Gly Ser Gly Thr Asp Tyr Ser
50 55 60

Leu Thr Ile Ser Asn Leu Glu Pro Glu Asp Ile Ala Thr Tyr Phe Cys
65 70 75 80

Gln Gln Phe Ser Lys Leu Pro Tyr Thr Phe Gly Gly Gly Thr Lys Leu
85 90 95

Glu Ile Lys